



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# 3

Atty. Docket No: 1478-R-00

In re patent application of

LAZDUNSKI, MICHEL et al.

Serial No. 09/975,456

Filed: October 11, 2001

For: NOVEL MAMMALIAN SECRETED GROUP IIF PHOSPHOLIPASE A2

STATEMENT TO SUPPORT FILING AND SUBMISSION IN  
ACCORDANCE WITH 37 C.F.R. §§ 1.821-1.825

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Box SEQUENCE

Sir:

In connection with a Sequence Listing submitted concurrently herewith, the undersigned hereby states that:

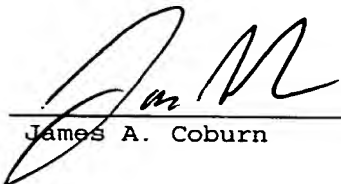
1. the submission, filed herewith in accordance with 37 C.F.R. § 1.821(g), does not include new matter;
2. the content of the attached paper copy and the attached computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same; and
3. all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United

Serial No. 09/975,456

States Code and that such willful false statements may jeopardize the validity of the application or any patent resulting therefrom.

Respectfully submitted,

Nov. 9, 2001  
Date

  
James A. Coburn

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# 3

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## SEQUENCE LISTING

<110> LAZDUNSKI, MICHEL  
LAMBEAU, GERARD  
VALENTIN, EMMANUEL

<120> NOVEL MAMMALIAN SECRETED GROUP IIF PHOSPHOLIPASE A2

<130> 1478-R-00

<140> 09/975,456

<141> 2001-10-11

<150> 60/239,491

<151> 2000-10-11

<160> 10

<170> PatentIn version 2.1

<210> 1

<211> 507

<212> DNA

<213> Homo sapiens

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<221> CDS

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<223> cDNA encoding human group IIF secreted phospholipase A2

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Thr Ala His Gly Ser Leu Leu Asn Leu Lys Ala Met Val Glu Ala Val	
20 25 30	

aca ggg agg agc gcc atc ctg tcc ttc gtg ggc tac ggt tgc tac tgt	144
Thr Gly Arg Ser Ala Ile Leu Ser Phe Val Gly Tyr Gly Cys Tyr Cys	
35 40 45	

ggg ctg ggg ggc cgt ggc cag ccc aag gat gag gtg gac tgg tgc tgc	192
Gly Leu Gly Gly Arg Gly Gln Pro Lys Asp Glu Val Asp Trp Cys Cys	
50 55 60	

cac gcc cac gac tgc tgc tac cag gaa ctc ttt gac caa ggc tgt cac	240
His Ala His Asp Cys Cys Tyr Gln Glu Leu Phe Asp Gln Gly Cys His	
65 70 75 80	

ccc tat gtg gac cac tat gat cac acc atc gag aac aac act gag ata	288
Pro Tyr Val Asp His Tyr Asp His Thr Ile Glu Asn Asn Thr Glu Ile	
85 90 95	

gtc tgc agt gac ctc aac aag aca gag tgt gac aag cag aca tgc atg	336
Val Cys Ser Asp Leu Asn Lys Thr Glu Cys Asp Lys Gln Thr Cys Met	
100 105 110	

tgt gac aag aac atg gtt ctg tgc ctc atg aac cag acg tac cga gag 384  
 Cys Asp Lys Asn Met Val Leu Cys Leu Met Asn Gln Thr Tyr Arg Glu  
 115 120 125

gag tac cgt ggc ttc ctc aat gtc tac tgc cag ggc ccc acg ccc aac 432  
 Glu Tyr Arg Gly Phe Leu Asn Val Tyr Cys Gln Gly Pro Thr Pro Asn  
 130 135 140

tgc agc atc tat gaa ccg ccc cct gag gag gtc acc tgc agt cac caa 480  
 Cys Ser Ile Tyr Glu Pro Pro Glu Glu Val Thr Cys Ser His Gln  
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 Thr Gly Arg Ser Ala Ile Leu Ser Phe Val Gly Tyr Gly Cys Tyr Cys  
 35 40 45  
 Gly Leu Gly Gly Arg Gly Gln Pro Lys Asp Glu Val Asp Trp Cys Cys  
 50 55 60  
 His Ala His Asp Cys Cys Tyr Gln Glu Leu Phe Asp Gln Gly Cys His  
 65 70 75 80  
 Pro Tyr Val Asp His Tyr Asp His Thr Ile Glu Asn Asn Thr Glu Ile  
 85 90 95  
 Val Cys Ser Asp Leu Asn Lys Thr Glu Cys Asp Lys Gln Thr Cys Met  
 100 105 110  
 Cys Asp Lys Asn Met Val Leu Cys Leu Met Asn Gln Thr Tyr Arg Glu  
 115 120 125  
 Glu Tyr Arg Gly Phe Leu Asn Val Tyr Cys Gln Gly Pro Thr Pro Asn  
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 Cys Ser Ile Tyr Glu Pro Pro Pro Glu Glu Val Thr Cys Ser His Gln  
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                   20                  25                  30  
 Cys Val Ile Pro Gly Ser Asp Pro Phe Leu Glu Tyr Asn Asn Tyr Gly  
           35                  40                  45  
 Cys Tyr Cys Gly Leu Gly Gly Ser Gly Thr Pro Val Asp Glu Leu Asp  
   50                  55                  60  
 Lys Cys Cys Gln Thr His Asp Asn Cys Tyr Asp Gln Ala Lys Lys Leu  
   65                  70                  75                  80  
 Asp Ser Cys Lys Phe Leu Leu Asp Asn Pro Tyr Thr His Thr Tyr Ser  
                   85                  90                  95  
 Tyr Ser Cys Ser Gly Ser Ala Ile Thr Cys Ser Ser Lys Asn Lys Glu  
           100                  105                  110  
 Cys Glu Ala Phe Ile Cys Asn Cys Asp Arg Asn Ala Ala Ile Cys Phe  
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 Ser Lys Ala Pro Tyr Asn Lys Ala His Lys Asn Leu Asp Thr Lys Lys  
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Tyr Cys Gln Ser  
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Thr Gly Lys Glu Ala Ala Leu Ser Tyr Gly Phe Tyr Gly Cys His Cys  
35 40 45  
Gly Val Gly Gly Arg Gly Ser Pro Lys Asp Ala Thr Asp Arg Cys Cys  
50 55 60  
Val Thr His Asp Cys Cys Tyr Lys Arg Leu Glu Lys Arg Gly Cys Gly  
65 70 75 80  
Thr Lys Phe Leu Ser Tyr Lys Phe Ser Asn Ser Gly Ser Arg Ile Thr  
85 90 95  
Cys Ala Lys Gln Asp Ser Cys Arg Ser Gln Leu Cys Glu Cys Asp Lys  
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Tyr Gln Tyr Tyr Ser Asn Lys His Cys Arg Gly Ser Thr Pro Arg Cys  
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Thr Gly Lys Met Pro Ile Leu Ser Tyr Trp Pro Tyr Gly Cys His Cys  
35 40 45  
Gly Leu Gly Gly Arg Gly Gln Pro Lys Asp Ala Thr Asp Trp Cys Cys  
50 55 60  
Gln Thr His Asp Cys Cys Tyr Asp His Leu Lys Thr Gln Gly Cys Ser  
65 70 75 80

Ile Tyr Lys Asp Tyr Tyr Arg Tyr Asn Phe Ser Gln Gly Asn Ile His  
85 90 95

Cys Ser Asp Lys Gly Ser Trp Cys Glu Gln Gln Leu Cys Ala Cys Asp  
100 105 110

Lys Glu Val Ala Phe Cys Leu Lys Arg Asn Leu Asp Thr Tyr Gln Lys  
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Arg Leu Arg Phe Tyr Trp Arg Pro His Cys Arg Gly Gln Thr Pro Gly  
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Cys  
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<212> PRT

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Leu Val Gln Phe Gly Val Met Ile Glu Lys Met Thr Gly Lys Ser Ala  
35 40 45

Leu Gln Tyr Asn Asp Tyr Gly Cys Tyr Cys Gly Ile Gly Gly Ser His  
50 55 60

Trp Pro Val Asp Gln Thr Asp Trp Cys Cys His Ala His Asp Cys Cys  
65 70 75 80

Tyr Gly Arg Leu Glu Lys Leu Gly Cys Glu Pro Lys Leu Glu Lys Tyr  
85 90 95

Leu Phe Ser Val Ser Glu Arg Gly Ile Phe Cys Ala Gly Arg Thr Thr  
100 105 110

Cys Gln Arg Leu Thr Cys Glu Cys Asp Lys Arg Ala Ala Leu Cys Phe  
115 120 125

Arg Arg Asn Leu Gly Thr Tyr Asn Arg Lys Tyr Ala His Tyr Pro Asn  
130 135 140

Lys Leu Cys Thr Gly Pro Thr Pro Pro Cys  
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<212> PRT

<213> Homo sapiens

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Ala Val Gln Gly Gly Leu Leu Asp Leu Lys Ser Met Ile Glu Lys Val  
 20 25 30

Thr Gly Lys Asn Ala Leu Thr Asn Tyr Gly Phe Tyr Gly Cys Tyr Cys  
 35 40 45

Gly Trp Gly Gly Arg Gly Thr Pro Lys Asp Gly Thr Asp Trp Cys Cys  
 50 55 60

Trp Ala His Asp His Cys Tyr Gly Arg Leu Glu Lys Gly Cys Asn  
 65 70 75 80

Ile Arg Thr Gln Ser Tyr Lys Tyr Arg Phe Ala Trp Gly Val Val Thr  
 85 90 95

Cys Glu Pro Gly Pro Phe Cys His Val Asn Leu Cys Ala Cys Asp Arg  
 100 105 110

Lys Leu Val Tyr Cys Leu Lys Arg Asn Leu Arg Ser Tyr Asn Pro Gln  
 115 120 125

Tyr Gln Tyr Phe Pro Asn Ile Leu Cys Ser  
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&lt;210&gt; 10

&lt;211&gt; 155

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 10

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Gly Pro Gly Ser Gly Glu Ala Ser Arg Ile Leu Arg Val His Arg Arg  
 20 25 30

Gly Ile Leu Glu Leu Ala Gly Thr Val Gly Cys Val Gly Pro Arg Thr  
 35 40 45

Pro Ile Ala Tyr Met Lys Tyr Gly Cys Phe Cys Gly Leu Gly Gly His  
 50 55 60

Gly Gln Pro Arg Asp Ala Ile Asp Trp Cys Cys His Gly His Asp Cys  
 65 70 75 80

Cys Tyr Thr Arg Ala Glu Glu Ala Gly Cys Ser Pro Lys Thr Glu Arg  
 85 90 95

Tyr Ser Trp Gln Cys Val Asn Gln Ser Val Leu Cys Gly Pro Ala Glu  
 100 105 110



Asn Lys Cys Gln Glu Leu Leu Cys Lys Cys Asp Gln Glu Ile Ala Asn  
115 120 125

Cys Leu Ala Gln Thr Glu Tyr Asn Leu Lys Tyr Leu Phe Tyr Pro Gln  
130 135 140

Phe Leu Cys Glu Pro Asp Ser Pro Lys Cys Asp  
145 150 155